



NUNAVUT IMALIRYIN KATIMAYINGI  
 NUNAVUT WATER BOARD  
 OFFICE DES EAUX DU NUNAVUT

## DOCUMENT MANAGEMENT

Original Document Date: April 2010

### DOCUMENT AMENDMENTS

	Description	Date
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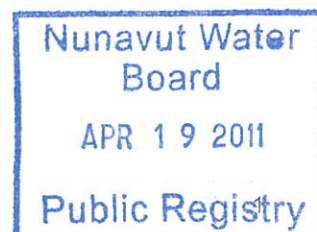
P.O. Box 119  
GJOA HAVEN, NU X0B 1J0  
TEL: (867) 360-6338  
FAX: (867) 360-6369

knk5 wmoEp5 vtmpp  
NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

**GENERAL WATER LICENCE APPLICATION  
(APPLICATION FOR NEW WATER LICENCE)**

The applicant is referred to the NWB's Guide 4: Guide to Completing and Submitting a Water Licence Application for a New Licence for more information about this application form.

<b>LICENCE NO:</b> (for NWB use only)	
<b>1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION</b> (name, address) <b>Canadian Orebodies Inc.</b> <b>3130 Airport Road, Box 1130</b> <b>Timmins, Ontario</b> <b>Canada P4N 7H9</b> <b>Tel: 416.644.1747</b> <b>Fax: 416 364 2753</b> <b>Cell: 416 919 6187</b> <b>Email: gordmckinnon@gmail.com</b>	<b>2. APPLICANT REPRESENTATIVE CONTACT INFORMATION</b> if different from Block 1 (name, address)  Phone: _____ Fax: _____ e-mail: _____ (Attach authorization letter.)
<b>3. NAME OF PROJECT</b> (including the name of the project location) <b>Belcher Island Diamond Drilling Project</b>	
<b>4. LOCATION OF UNDERTAKING</b>  <b>Project Extents - See Figure 1 Attached</b>  NW: Latitude: (56° 32' 57.9" N) Longitude: (79° 12' 20.4" W) NE: Latitude: ( ° ' " N) Longitude: ( ° ' " W) SE: Latitude: (56° 15' 58.2" N) Longitude: (79° 00' 23.4" W) SW: Latitude: ( ° ' " N) Longitude: ( ° ' " W)  <b>Camp Location(s)</b> Latitude: (56° 20' 18.8" N) Longitude: (79° 04' 03.7" W)	
<b>5. MAP</b> - Attach a topographical map, indicating the main components of the undertaking.  NTS Map Sheet No.: 34D06 Map Name: Figure 1 Map Scale: 1:100,000	



**6. NATURE OF INTEREST IN THE LAND** - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

**Sub-surface**

☒ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☒ Mineral Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: Claims List Attached Date of expiry: \_\_\_\_\_

**Surface**

☒ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: May 15, 2011 Date of expiry: April 30, 2013

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☒ IOL Authorization from Qikiqtani Inuit Association (QIA)

Date (expected date) of issuance: October 19, 2010 Date of expiry: March 1, 2012

☐ Commissioner's Land Use Authorization

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ Other: \_\_\_\_\_

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

Name of entity(s) holding authorizations: \_\_\_\_\_

**7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION**

Indicate the land use planning area in which the project is located.

☐ North Baffin

☐ Keewatin

☐ South Baffin

☒ Sanikiluaq

☐ Akunnig

☐ West Kitikmeot

Is a land use plan conformity determination required?

☐ Yes

☒ No

If Yes, indicate date issued and attach copy \_\_\_\_\_

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

**8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION**

Is an Article 12 Part 4 screening determination required?

☒ Yes

☐ No

If Yes, indicate date issued and attach copy Submitted March 2011

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

**9. DESCRIPTION OF UNDERTAKING** – List and attach plans and drawings or project proposal.

30,000 m of Diamond Drilling

30 person camp

Project Description Attached

**10. OPTIONS** – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

No alternative to Grass Roots mineral exploration available

**11. CLASSIFICATION OF PRIMARY UNDERTAKING** - Indicate the primary classification of undertaking by checking one of the following boxes.

☐ Industrial

☐ Agricultural

☒ Mining and Milling (includes exploration/drilling/exploration camps)

☐ Conservation

☐ Municipal (includes camps/lodges)

☐ Recreational

☐ Power

☐ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

☐ Hydrostatic Testing

☐ Tannery

☐ Tourist / Remote Camp

☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil

☐ Onshore Oil and Gas Exploration Drilling

☒ Mineral Exploration / Remote Camp

☐ Advanced Exploration

☐ Mine Development

☐ Municipal

☐ General Water Works

☐ Power

12. **WATER USE** - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> To obtain water for camp/ municipal purposes | <input type="checkbox"/> To divert a watercourse                    |
| <input type="checkbox"/> To obtain water for industrial purposes                 | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input type="checkbox"/> To cross a watercourse                                  | <input type="checkbox"/> Flood control                              |
| <input type="checkbox"/> To alter the flow of, or store water                    |   |
| <input type="checkbox"/> Other: _____  |   |

13. **QUANTITY AND QUALITY OF WATER INVOLVED** - For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.

Name of water source(s) (show location(s) on map):

Kasegalik Lake – Camp water

Unnamed creeks and lakes near diamond drill locations See Map attached

Describe the quality of the water source(s) and the available capacity:

All water in the area is of a quality suitable for its specified use

Provide the overall estimated quantity of water to be used:

855 m<sup>3</sup>/year

Provide the estimated quantity(s) of water to be used from each source:

Kasegalik Lake – 1.5 m<sup>3</sup>/day

Unnamed creeks and lakes near diamond drill locations 8 m<sup>3</sup>/day

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)

Camp use – 1.5

Diamond Drills – 8 m<sup>3</sup>/day

Describe the method of extraction(s):

Pumps equipped with fish screens in compliance with **Freshwater Intake End-of-Pipe Fish Screen Guideline. DFO (1995)**

Estimated quantity(s) of water returned to source(s) \_\_\_\_\_ 0 m<sup>3</sup>/day

Describe the quality of water(s) returned to source(s): \_\_\_\_\_

14. **WASTE** – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Sewage       | <input type="checkbox"/> Waste oil                      |
| <input type="checkbox"/> Solid Waste             | <input checked="" type="checkbox"/> Greywater           |
| <input type="checkbox"/> Hazardous               | <input type="checkbox"/> Sludges                        |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste            |   |
| <input type="checkbox"/> Other (describe): _____ |   |

<b>15. QUANTITY AND QUALITY OF WASTE INVOLVED</b> – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.				
Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Grey water	Some suspended solids, soap	~1 m <sup>3</sup> /day	Sump	Seepage and evaporation
Drill water	Suspended solids	~4 m <sup>3</sup> /day	Sump	Seepage and evaporation

**16. OTHER AUTHORIZATIONS** – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. For each provide the following:

Authorization: \_\_\_\_\_

Administering Agency: \_\_\_\_\_

Project Activity: \_\_\_\_\_

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

**17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** - Describe direct, indirect, and cumulative impacts related to water and waste.

No impacts are anticipated and A&R Plan provided

**18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER**

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

None Known.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

None

**19. INUIT WATER RIGHTS**

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

No substantial affects anticipated

<b>20. CONSULTATION</b>	<p>– Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.</p> <p>Extensive discussion with the QIA and NTI have taken place in relation to the access agreement and Land Use Licence for IOL lands. They have been fully involved in the planning and activities to date. These discussions were carried out over telephone and emails over a period of time starting in March 2009 to date. Additional meetings are being planned in person with the Sanikiluaq CLARC and HTO, as well as any community members.</p>
<b>21. SECURITY INFORMATION</b>	<p>Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. <u>Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults.</u> The estimate must also include contingency factors appropriate to the particular work to be undertaken.</p> <p>Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the <i>Mine Site Reclamation Policy for Nunavut</i>, Indian and Northern Affairs Canada, 2002.</p>
<b>22. FINANCIAL INFORMATION</b>	<p>Provide a statement of financial responsibility.</p> <p>If the applicant is a business entity, provide a list of the officers of the company.</p> <p>If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.</p>
<b>23. STUDIES UNDERTAKEN TO DATE</b>	<p>- List and attach copies of studies, reports, research, etc.</p> <p>None</p>



**24. PROPOSED TIME SCHEDULE** – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

Construction

Proposed Start Date: \_\_\_\_\_ Proposed Completion Date: \_\_\_\_\_  
(month/year) (month/year)

Operation

Proposed Start Date: June 2011 Proposed Completion Date: August 2013  
(month/year) (month/year)

Closure

Proposed Start Date: August 2013 Proposed Completion Date: September 2013  
(month/year) (month/year)

Post - Closure

Proposed Start Date: \_\_\_\_\_ Proposed Completion Date: \_\_\_\_\_  
(month/year) (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

Operation

☐ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

Closure

☐ Winter ☐ Spring ☐ Summer ☒ Fall ☐ All season

Post - Closure

☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season

**25. PROPOSED TERM OF LICENCE**

Number of years (maximum of 25 years): 3 years

Requested Date of Issuance: May 2011 Requested Expiry Date: April 2014  
(month/year) (month/year)

(The requested date of issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

**26. ANNUAL REPORTING** – If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

**27. CHECKLIST** – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☐ Yes ☒ No If no, date expected April 2011

Completed General Water Licence Application form.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

☒ Yes ☐ No If no, date expected \_\_\_\_\_

English Summary of Application.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

Inuktitut and/or Inuinnaqtun Summary of Application.

☐ Yes ☒ No If no, date expected April 2011

Application Fee of \$30.00 CDN (Payee Receiver General for Canada).

☒ Yes ☐ No If no, date expected \_\_\_\_\_

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

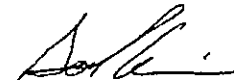
**28. SIGNATURE**

Gordon McKinnon

Name (Print)

President & CEO

Title (Print)



Signature

April 18 2011

Date